

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An internal indifferent electrode device for use with a power supply apparatus including a power output connector and a power return connector, the internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

at least one energy transmission device adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

an indifferent electrode connector operably connected to the at least one energy transmission device such that current which passes through the at least one energy transmission device passes through the indifferent electrode connector, and adapted to mate with the power return connector without mating with the power output connector.

2. (Original) An internal indifferent electrode device as claimed in claim 1, wherein the flexible shaft is at least 12 inches in length.

3. (Original) An internal indifferent electrode device as claimed in claim 1, wherein the distal portion of the flexible shaft defines a diameter less than 4 mm.

4. (Original) An internal indifferent electrode device as claimed in claim 1, wherein the at least one energy transmission device comprises an electrode.

5. (Original) An internal indifferent electrode device as claimed in claim 1, wherein the at least one energy transmission device comprises a plurality of spaced energy transmission devices.

6. (Original) An internal indifferent electrode device as claimed in claim 1, wherein the at least one energy transmission device comprises a flexible electrode.

7. (Original) An internal indifferent electrode device as claimed in claim 1, further comprising:

a cable extending from the proximal end of the shaft to the indifferent electrode connector.

8. (Currently Amended) An internal indifferent electrode device ~~as claimed in claim 1, wherein the power output connector defines for use with a power supply apparatus including a power output connector defining a first configuration, the and a power return connector defines~~ defining a second configuration different than the first configuration, and ~~the indifferent electrode connector defines the internal indifferent electrode device comprising:~~

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

at least one energy transmission device adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

an indifferent electrode connector, operably connected to the at least one energy transmission device, adapted to mate with the power return connector and defining a configuration that substantially corresponds second configuration.

9. (Original) An internal indifferent electrode device as claimed in claim 8, wherein the power output connector defines a first shape, the power return connector defines a second shape different than the first shape, and the indifferent electrode connector defines a shape substantially corresponding to the second shape.

10. (Currently Amended) An internal indifferent electrode device ~~as claimed in claim 1, wherein the power return connector comprises~~ for use with a power supply apparatus including a power output connector and first and second power return connectors, the internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

~~the at least one energy transmission device comprises~~ at least first and second energy transmission devices, devices adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

~~the indifferent electrode connector comprises~~ first and second indifferent electrode connectors respectively connected to the first and second energy transmission devices and adapted to mate with the first and second power return connectors.

11. (Original) An internal indifferent electrode device as claimed in claim 10, wherein the first energy transmission device comprises a plurality of spaced energy transmission devices connected to the first indifferent electrode connector and the second energy transmission device comprises a plurality of spaced energy transmission devices connected to the second indifferent electrode connector.

12. (Currently Amended) An internal indifferent electrode device for use with a power supply apparatus including a power output connector defining a first configuration and a power return connector defining a second configuration different than the first configuration, the internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

a plurality of electrodes adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

an indifferent electrode connector operably connected to the plurality of electrodes and such that current which passes through the plurality of electrodes passes through the indifferent electrode connector, defining a configuration that substantially corresponds to the second configuration and adapted to mate with the power return connector without mating with the power output connector.

13. (Currently Amended) ~~An internal indifferent electrode device as claimed in claim 12, wherein the power return connector comprises~~ for use with a power supply apparatus including a power output connector defining a first configuration and first and second power return connectors defining a second configuration different than the first configuration, the internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

~~the indifferent electrode connector comprises~~ first and second indifferent electrode connectors defining a configuration that substantially corresponds to the second configuration; and

~~, and the plurality of electrodes comprises~~ a first plurality of electrodes operably connected to the first indifferent electrode connector and a second plurality of electrodes operably connected to the second indifferent electrode connector.

14. (Currently Amended) An internal indifferent electrode device ~~as claimed in claim 12, wherein the~~ for use with a power supply apparatus including a power output connector defines defining a first shape ~~;~~ and a power return connector defines defining a second shape different than the first shape, ~~and the~~ internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

a plurality of electrodes adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

an indifferent electrode connector ~~defines the~~ operably connected to the plurality of electrodes and defining a shape substantially corresponding to the second shape.

15. (Original) A system, comprising:

a power supply apparatus including a power output connector and a power return connector; and

internal indifferent electrode device including

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion

at least one energy transmission device adapted to be inserted into a body supported on the distal portion of the flexible shaft, and

an indifferent electrode connector operably connected to the at least one energy transmission device and adapted to mate with the power return connector.

16. (Original) A system as claimed in claim 15, wherein the flexible shaft is at least 12 inches in length.

17. (Original) A system as claimed in claim 15, wherein the distal portion of the flexible shaft defines a diameter less than 4 mm.

18. (Original) A system as claimed in claim 15, wherein the at least one energy transmission device comprises an electrode.

19. (Original) A system as claimed in claim 15, wherein the at least one energy transmission device comprises a plurality of spaced energy transmission devices.

20. (Original) A system as claimed in claim 15, wherein the at least one energy transmission device comprises a flexible electrode.

21. (Original) A system as claimed in claim 15, further comprising:
a cable extending from the proximal end of the shaft to the indifferent electrode connector.

22. (Original) A system as claimed in claim 15, wherein the power output connector defines a first configuration, the power return connector defines a second configuration different than the first configuration, and the indifferent electrode connector defines a configuration that substantially corresponds second configuration.

23. (Original) A system as claimed in claim 22, wherein the power output connector defines a first shape, the power return connector defines a second shape different than the first shape, and the indifferent electrode connector defines a shape substantially corresponding to the second shape.

24. (Original) A system as claimed in claim 15, wherein the power return connector comprises first and second power return connectors, the at least one energy transmission device comprises at least first and second energy transmission devices, and the indifferent electrode connector comprises first and second indifferent electrode connectors respectively connected to the first and second energy transmission devices.

25. (Original) A system as claimed in claim 24, wherein the first energy transmission device comprises a plurality of spaced energy transmission devices connected to the first indifferent electrode connector and the second energy transmission device comprises a plurality of spaced energy transmission devices connected to the second indifferent electrode connector.

26. (Original) A system as claimed in claim 15, further comprising:
an electrophysiological device including at least one energy transmission device and an electrophysiological device connector operably connected to the at least one energy transmission device and adapted to mate with the power output connector.

27. (Original) A system as claimed in claim 26, wherein the electrophysiological device comprises a surgical probe.

28-42. (Canceled)

43. (New) An internal indifferent electrode device as claimed in claim 8, wherein the at least one energy transmission device comprises an electrode.

44. (New) An internal indifferent electrode device as claimed in claim 8, wherein the at least one energy transmission device comprises a plurality of spaced energy transmission devices.

45. (New) An internal indifferent electrode device as claimed in claim 10, wherein the energy transmission devices comprise electrodes.

46. (New) An internal indifferent electrode device for use with a power supply apparatus including a power output connector and a power return connector, the internal indifferent electrode device comprising:

a flexible shaft defining a distal end, a distal portion, a proximal end and a proximal portion;

at least one energy transmission device adapted to be inserted into a body supported on the distal portion of the flexible shaft; and

means for connecting the at least one energy transmission device to the power return connector and preventing the at least one energy transmission device from being connected to the power output connector.

47. (New) An internal indifferent electrode device as claimed in claim 46, wherein the flexible shaft is at least 12 inches in length.

48. (New) An internal indifferent electrode device as claimed in claim 46, wherein the distal portion of the flexible shaft defines a diameter less than 4 mm.

49. (New) An internal indifferent electrode device as claimed in claim 46, wherein the at least one energy transmission device comprises an electrode.

50. (New) An internal indifferent electrode device as claimed in claim 46, wherein the at least one energy transmission device comprises a plurality of spaced energy transmission devices.

51. (New) An internal indifferent electrode device as claimed in claim 46, wherein the at least one energy transmission device comprises a flexible electrode.